

From: Rodney Small
To: ["Schmehl, Keith"](#)
Subject: RE: Experimental Application 635-EX-CN-2018
Date: Thursday, October 25, 2018 10:40:00 AM

It means that your application has been cleared by the FCC, and now NTIA will review it and inform the FCC (usually within 15 days) whether it is okay to grant.

From: Schmehl, Keith <kschmehl@gai-tronics.com>
Sent: Thursday, October 25, 2018 10:37 AM
To: Rodney Small <Rodney.Small@fcc.gov>
Subject: RE: Experimental Application 635-EX-CN-2018

[Thanks, not sure what that means though..](#)

From: Rodney Small [<mailto:Rodney.Small@fcc.gov>]
Sent: Thursday, October 25, 2018 10:36 AM
To: Schmehl, Keith
Subject: RE: Experimental Application 635-EX-CN-2018

External E-mail alert! Use caution before clicking links/attachments

Mr. Schmehl,

FYI, your application was just sent to NTIA for coordination.

Regards,
Rodney Small
FCC/Office of Engineering and Technology

From: Rodney Small
Sent: Wednesday, October 10, 2018 9:37 AM
To: 'KSCHMEHL@GAI-TRONICS.COM' <KSCHMEHL@GAI-TRONICS.COM>
Subject: Experimental Application 635-EX-CN-2018

Dear Mr. Schmehl,

I am reviewing this application, and note that it is missing an exhibit. Specifically, to meet the requirements of NTIA Redbook Section 8.3.28 ("Use of Fixed Devices That Re-Radiate Signals Received From the Global Positioning System"), please submit an exhibit that addresses the following nine issues in one place:

- a. Individual authorization is for indoor use only, and is required for each device at a specific site.
- b. Applications for frequency assignment should be applied for as an XT station class with a note indicating the device is to be used as an "Experimental RNSS Test Equipment for the purpose of testing GPS

receivers" and

describing how the device will be used.

c. Approved applications for frequency assignment will be entered in the GMF.

d. The maximum length of the assignment will be two years, with possible renewal.

e. The area of potential interference to GPS reception (e.g., military or contractor facility) has to be under

the control of the user.

f. The maximum equivalent isotropically radiated power (EIRP) must be such that the calculated emissions

are no greater than -140 dBm/24 MHz as received by an isotropic antenna at a distance of 100 feet (30 meters)

from the building where the test is being conducted. The calculations showing compliance with this requirement

must be provided with the application for frequency assignment and should be based on free space propagation

with no allowance for additional attenuation (e.g., building attenuation.)

g. GPS users in the area of potential interference to GPS reception must be notified that GPS information

may be impacted for periods of time.

h. The use is limited to activity for the purpose of testing RNSS equipment/systems.

i. A "Stop Buzzer" point of contact for the authorized device must be identified and available at all times

during GPS re-radiator operations.

Thank you,

Rodney Small

FCC/Office of Engineering and Technology

Confidentiality Requirement: This communication, including any attachment(s), may contain confidential information and is for the sole use of the intended recipient(s). If you are not the intended recipient, you are hereby notified that you have received this communication in error and any unauthorized review, use, disclosure, dissemination, distribution or copying of it or its contents is strictly prohibited. If you have received this communication in error, please notify the sender immediately by telephone or e-mail and destroy all copies of this communication and any attachments.